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PTO/SB/82 (09-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	10/657,181
Filing Date	09/09/2003
First Named Inventor	Chun-lung CHIU
Art Unit	2816
Examiner Name	
Attorney Docket Number	3626-0257PUS1

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

02292

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with  
Customer Number:

02292

OR

☐ Firm or  
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Name Raymond R.Y. HSU, VICE-PRESIDENT, DELTA ELECTRONICS, INC.

Signature

Date Mar. 23, 2004

Telephone 886-2-87972088

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Chun-lung CHIU and Wen-shi HUANG

Application No./Patent No.: 10/657,181 Filed/Issue Date: 09/09/2003

Entitled: PWM Buffer Circuit for Adjusting a Frequency and a Duty Cycle of a PWM Signal

DELTA ELECTRONICS, INC., a Corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Mar. 23, 2004  
Date  
886-2-87972088  
Telephone number

Raymond R.Y. HSU  
Typed or printed name  
Raymond Hsu  
Signature  
VICE-PRESIDENT  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ATTORNEY/DOCKET NO:

**ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION**

WHEREAS, I am the original, first and sole inventor and I own (if only one name is listed below) or an original, first and joint inventor and the joint inventors own (if plural names are listed below) (referred to as "ASSIGNOR" below) the subject matter which is claimed and for which a patent is sought on the invention (referred to as the "INVENTION" below) entitled:

Title:

**PWM BUFFER CIRCUIT FOR ADJUSTING A FREQUENCY AND A DUTY CYCLE  
OF A PWM SIGNAL**

the specification of which (check one):

<input checked="" type="checkbox"/>	is executed on even date herewith.	
<input type="checkbox"/>	was filed on (day-month-year)	as U.S. Application Number
<input type="checkbox"/>	was filed on (day-month-year)	as PCT Application Number
<input type="checkbox"/>	was executed on the following date(s) (day-month-year)	

WHEREAS, **DELTA ELECTRONICS, INC.**

having a postal address of **No. 31-1, Shien Pan Road, Kuei San Industrial Zone, Taoyuan, Taiwan,  
R.O.C.**

(referred to as "ASSIGNEE" below) desires to acquire the entire right, title and interest in and to the same in the U.S.;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Full Name of First or Sole Inventor <b>Chun-lung CHIU</b>	Post Office Address <b>No. 20, Shimen Rd., Yungshi Tsun, Yungjing Shiang, Changhua County, Taiwan, R.O.C.</b>
Citizenship <b>Taiwan, R.O.C.</b>	Residence (city, and either state or foreign country, MPEP §605.02) <b>Changhua County</b>
Date <b>8/20/03</b>	Signature <b>Chun-lung CHIU</b>

ATTORNEY/DOCKET NO:

**SUPPLEMENTAL PAGE FOR AN  
ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION**

Full Name of Joint Inventor <b>Wen-shi HUANG</b>	Post Office Address <b>No. 144, Guotai Street, Jungli City, Taoyuan County, Taiwan, R.O.C.</b>
Citizenship <b>Taiwan, R.O.C.</b>	Residence (city, and either state or foreign country, MPEP §605.02) <b>Taoyuan County</b>
Date <b>Aug. 20. 2003</b>	Signature <b>Wen-shi Huang</b>



See following page(s) for additional joint inventors.

(25 June 2003)



PATENT  
3626-0257PUS1

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: CHIU, Chung-lung et al. Conf:  
Appl. No.: 10/657,181 Group: 2816  
Filed: September 9, 2003 Examiner: UNASSIGNED  
For: PWM BUFFER CIRCUIT FOR ADJUSTING A  
FREQUENCY AND A DUTY CYCLE OF A PWM  
SIGNAL

LETTER

Assistant Commissioner for Patents  
PO Box 1450

April 20, 2004

Alexandria, VA 22313-1450

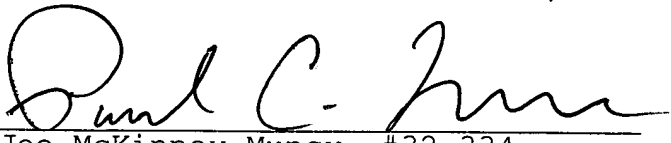
Sir:

Please find attached a Revocation of Power of Attorney with New Power of Attorney and Change in Correspondence Address, and a Statement under 37 CFR 3.73(b) (Chain of Title).

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Joe McKinney Muncy, #32,334

P.O. Box 747  
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KM/asc  
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